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Mark A. Hixon
(Typed name of person mailing correspondence)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:]	
MICHAEL BENJE, DIETER JACULI,]	
INGOLF MIELKE, PETER SCHWARZMAIER,]	Group Art Unit:
KLAUS KREJCI, JOACHIM SCHUBERT,]	
and HORST ERTL]	
U.S. Serial No. 10/505,245]	Examiner:
Filing Under 35 U.S.C. 371 in the DO/EO/US]	
off PCT/EP03/01000 filed 01 February 2003]	
For: METHOD FOR PRODUCING 1,2-]	Attorney Docket 1-16694
DICHLOROETHANE BY DIRECT]	
CHLORINATION]	

December 16, 2004

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Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to Section 1.97 of Title 37 of the Code of Federal Regulations, and
prior to the issuance of a first office action, record is hereby made of information the
United States Patent and Trademark Office may wish to consider during examination of
the above-entitled application which is being filed concurrently herewith under 35
U.S.C. 371. No representation is made or intended that a prior art search was
conducted, or that no better art than that listed is available.

Application No. 10/505,245

1-16694

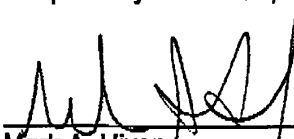
As this Information Disclosure Statement is being submitted prior to a first Office Action on the merits, it is respectfully submitted that no fee is required for consideration of this IDS.

Patent documents DE 199 10 964 A1 and US 4,783,564 are both cited in the specification of the present application, which also serves as a statement of relevance for the non-English reference, and in the International Search Report and the International Preliminary Examination Report of the corresponding International application. European Patent document EP 1 161 406, with English claims, corresponds to DE 199 10 964. Copies of the International Search Report, which is in the English language and serves as a statement of relevance for any non-English references above, and the International Preliminary Examination Report are attached hereto for the Examiner's convenience.

Copies of the above-noted foreign documents are enclosed herewith, along with Form PTO/SB/08A. It is requested that they be fully considered and made of record in this case.

Respectfully submitted,

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PTQ/SB/DBA (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 7 of 4

Complete If Known

Application Number	10/505,245
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Filing Date

First Named Inventor	Michael Benje et al
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Art Unit

Examiner Name _____

Attorney Docket Number	1-16694
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[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		DE 199 10 964 A1	09-21-2000	Benje et al	w/English Abstract	
		EP 1 161 406 B1	12-12-2001	Benja et al	correp DE19910964 w/English Claims	X
		GB 1405926	09-10-1975	Deselaers et al		X

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. *Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07C17/02 C07C19/045		International Application No. PCT/EP 03/01000
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 199 10 964 A (KRUPP UHDE GMBH) 21 September 2000 (2000-09-21) cited in the application the whole document	1
A	US 4 783 564 A (PIOTROWSKI BERNHARD ET AL) 8 November 1988 (1988-11-08) column 3, line 21 - line 58	1
A	GB 1 405 926 A (DYNAMIT NOBEL AG) 10 September 1975 (1975-09-10) the whole document	1
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document relating to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "Z" document member of the same patent family		
Date of the actual completion of the international search 28 April 2003		Date of mailing of the international search report 12/05/2003
Name and mailing address of the ISA European Patent Office, P.O. 5018 Patentism 2 NL - 2220 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3018		Authorized officer Bonneville, E

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP 03/01000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19910964	A	21-09-2000	DE 19910964 A1	21-09-2000
			AU 6470599 A	04-10-2000
			WO 0055107 A1	21-09-2000
			EP 1161406 A1	12-12-2001
			JP 2002539179 T	19-11-2002
			NO 20014198 A	29-08-2001
US 4783564	A	08-11-1988	DE 3445896 C1	10-04-1986
			EP 0187206 A1	16-07-1986
			JP 61145132 A	02-07-1986
GB 1405926	A	10-09-1975	DE 2156190 A1	24-05-1973
			FR 2159467 A1	22-06-1973
			GB 1385396 A	26-02-1975
			IT 974485 B	20-06-1974
			NL 7215258 A	15-05-1973

Form PCT/ISA/210 (patent family annex) (July 1992)